

[54] **OPTICAL LABEL READER AND DECODER**

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[56] **References Cited**

UNITED STATES PATENTS

2,612,994 10/1952 Woodland.....340/146.3 X

2,933,246	4/1960	Rabinow.....	235/61.11
3,059,521	10/1962	Clemens.....	88/1
3,061,730	10/1962	Jankowitz.....	250/203
3,106,706	10/1963	Kolanowski.....	340/146.3 X
3,225,177	12/1965	Stites.....	340/146.3 K
3,239,674	3/1966	Aroyan.....	250/203
3,292,149	12/1966	Bourne.....	340/146.3
3,356,021	12/1967	May.....	235/61.12 X
3,465,130	9/1969	Beltz.....	235/61.115 X
3,474,234	10/1969	Rieger.....	235/61.115 X

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[57]

ABSTRACT

A coded label having a leader, a unique preamble word and data words coded thereon, a system for optically reading the label, including a rotary bar scan optics for continually scanning a label from different incremental angles and generating pulse signals in response to a code thereon, and a decoder coupled to receive the pulse signals which is responsive to the leader and to the unique preamble before decoding the data words of the label, wherein the data will be decoded and displayed only after the label data words have been read twice and compared and the data is complete.

11 Claims, 16 Drawing Figures

